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OUTLOOK

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An Array of Stars Joins College Park Faculty This Fall

Two new deans, several new department heads, and a number of members of the National Academy of Sciences are among the stellar group of tenure-track faculty who are newcomers to the academic community this fall.

Richard Herman, the new dean of the College of Computer, Mathematical and Physical Sciences, is a distinguished mathematician who comes from Penn State University where he was known for the high quality of his appointments as department chair. Steven Hurtt, the new dean of the School of Architecture, has arrived from Indiana where he was on the faculty of Notre Dame University from 1973 to 1990.

The two deans are among a distinguished group of new faculty that includes such scientists as internationally renowned Soviet physicist Roald Sagdeev, considered one of the premier theoretical plasma physicists in the world; mathematician Mikhael Gromov, an eminent geometer who is one of the few people in the world to be elected to membership in the Academy of Sciences of the USSR, France and the USA; and Harvard economist Thomas Schelling, member of the National Academy of Sciences and current president of the American Economic Association. These are just three examples of the high calibre of scientists, economists, engineers, educators, arts and humanities professors and behavioral and social scientists who are new to the classrooms and research labs of College Park this fall.

The total number of new tenure-track faculty comes to 79, with a few appointed last spring. This includes: 19 full professors (including three women); 18 associate professors (including five women); and 42 assistant professors (13 women).

"We've attracted an exceptional number of people who are at the very highest level of academic distinction. We've also hired a group of younger faculty who have great academic promise," says academic vice president Bob Dorfman.

The provost attributes the university's success at recruiting this year to several factors: the high quality of the faculty already at the university and the fact that many have become personally involved in recruiting promising newcomers; department chairs who are working aggressively to find and hire the most highly respected faculty in their fields; and the assumption of Brit Kirwan to the presidency and the quality of his academic leadership.

The faculty's growing sense of self-esteem and the conviction that this is an institution on the way up also helps, says Dorfman.

Money and facilities are also important, of course. But despite the fact that the university did not receive hoped-for major increases in state funding this fiscal year as it had for the past two years, departments managed to create the innovative packages that would help support the research needs of professors they hoped to recruit. DRIF funding and money dedicated to hiring more minority and female faculty also helped, says Dorfman.

A listing of all new faculty will be printed in a forthcoming edition

continued on page 2

SCOTT SUCHMAN

Dean Richard Herman (left) received his Ph.D. from College Park in 1967; his specialty is operator algebra. He joined the Penn State faculty in 1972 and has headed its math program since 1986. Dean Steven Hurtt (right) taught at Notre Dame University for 17 years and was senior partner in Hurtt-Kenrich & Associates Architects.

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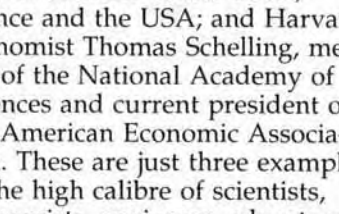

Bill Cosby to Be Featured Speaker at John B. Slaughter Endowment Dinner

The university is hosting a black tie banquet for the John B. Slaughter Endowment in Science, Technology and the Black Community with entertainer Dr. William (Bill) Cosby appearing as the keynote speaker of the evening.

Cosby is appearing at College Park in support of the endowment on Oct. 5 in the Chesapeake Ballroom of the Adult Education Center.

Emmy award-winning journalist Renee Poussaint, who anchors WJLA-TV's News 7, will be the mistress of ceremonies, and "In Process," a Black women's a capella group will perform music from their repertoire of popular recordings. Also appearing at the event honoring Slaughter is the Maryland Gospel Choir, under the direction of Valeria Foster.

"This very special gala fundraising event is a tribute to the visions and goals of UMCP's former Chancellor John B. Slaughter," says Samuel L. Myers, director and professor of the university's Afro-American Studies Program.

"Dr. Slaughter worked to help create a truly multi-racial, multicultural and multi-generational environment at the university," says Myers.

The goal for the Slaughter Endowment, which will provide funding for four undergraduate Francis Scott Key President's Scholars and an endowed distinguished lecturers' series, is $250,000.

The pre-dinner reception will begin at 7 p.m. with the dinner and program starting at 8 p.m. Tickets for the dinner are $100 each. Tickets for the VIP reception and dinner are $500 each. Corporations will be able to sponsor tables at a cost of $5,000 each.

For more information, contact Marsha Darling at 405-1158 or Tom Hiles, senior development officer, at 405-1679.

Bill Cosby

John B. Slaughter

New Faces of 1990

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THE SUN

AUGUST 24, 1990 — BALTIMORE, MARYLAND

J.R.L. STERNE, Editorial Page Editor • REG MURPHY, Publisher • JAMES I. HOUCK, Managing Editor

Momentum at College Park

William E. "Brit" Kirwan is on a roll. He has the University of Maryland College Park humming as the fall semester approaches. A bumper crop of faculty members has been recruited. Enrollment applications are up and those accepted have higher achievement scores than any previous entering class. State and federal government are putting more resources into College Park.

This is a campus with momentum. Were it not for a long-running scandal in the athletic department, UMCP would be gloating about its rapid progress. The scandal, though, has captured the headlines. This obscures a flurry of positive developments that now points to a bright future for College Park.

Under the state's revamped higher education system, College Park won special status as Maryland's top public research university. Gov. William Donald Schaefer has pumped millions into the campus to upgrade academic programs, recruit faculty "stars" and begin the renovation and replacement of antiquated buildings. Meanwhile, Dr. Kirwan has used his initial 18 months as campus president to chart an ambitious course that stresses enhanced research, a more rigorous academic program for undergraduates and strong ties to city, state and federal governments.

Symbolic of those ties was the decision of the National Archives to locate its $250 million research center on the campus, making College Park a center for future public policy research. Concurrently, the university is working with Baltimore City school officials to enlarge its pilot programs aimed at improving the academic environment and language skills for inner-city kids.

This kind of intellectual ferment and government interest has made College Park popular with scholars. Next month, four members of the prestigious National Academy of Sciences will be joining the UMCP faculty. Competitive contracts and grants from Washington are rising. Student SAT scores will approach 1,100 this fall (comparable to the University of North Carolina at Chapel Hill), 50 National Merit and National Achievement scholars will be on campus (more than any other school in Maryland) and 75 students have been awarded full scholarships based strictly on merit.

Dr. Kirwan has succeeded in refurbishing College Park's image. While tough financial times may require modifying these long-range plans, UMCP is well positioned to continue its rapid academic advance. College Park may not be in the forefront of American public higher education, but it has its sights set firmly on that objective.

More good news about College Park. The editorial above appeared August 24.

continued from page 1

of *Outlook*. Here is a selected sample of some of the outstanding appointments made this year.

Michael Brown, chair, Botany, specialist in the origins of the rocks that make up the planet Earth; joined the faculty in February 1990 from Kingston Polytechnic in Great Britain where he headed the School of Geological Sciences.

Roald Sagdeev ▲

Avis Cohen, Zoology and affiliate associate professor, Institute for Physical Science and Technology, comes from Cornell U; recent research combines mathematics and physiology to determine the relationship between structures and function in locomotion; first person to demonstrate functional spinal chord regeneration in any vertebrate.

Kerry Stuart Coppin, Art, noted photographer who has an extensive record of major exhibitions and workshops; in 1989, published *Changing Chicago: A Photodocumentary*, an outgrowth of exhibitions at the Field Museum of National History and Art Institute of Chicago.

Thomas Schelling ▲

Theodore Diener, Distinguished Professor of Botany, discoverer of the viroid, smallest known agent or pathogen of diseases in plants. His studies on viruses have led directly to control of diseases in a number of important crops. Awarded the Wolf Prize, the Presidential Medal of Freedom, National Medal of Science, elected to National Academy of Sciences.

Richard L. Greene, Physics and Astronomy and director, Center for Superconductivity Research, has made many significant discoveries concerning physics of superconductivity and superconducting materials; former manager of the Condensed Matter Physics Group at the IBM Research Lab in San Jose, and research staff of T.J. Watson Research Center.

Mikhael Gromov, Mathematics, awarded the Prize of the Moscow Mathematical Society, the Veblen Prize of the American Mathematical Society, and the Cartan Prize of the French Academy of Sciences. Since leaving Leningrad U. in 1974, has been associated with SUNY Stony Brook and the Institute des Hautes Etudes Scientifiques, Paris. One of few to be elected to the Academy of Sciences of the USSR, France and the USA.

Marcha Herndon, Music, leading ethnomusicologist and a tribal leader of the Eastern Cherokee; executive director of the Music Research Institute, Richmond, California; former associate professor at UC Berkeley and author or coauthor of seven books.

Brian Hunt, chair, Aerospace Engineering, former technology manager for the F-23A Advanced Tactical Fighter Program of Northrop Corporation's Aircraft Division; Fellow of the Royal Aeronautical Society of Great Britain and American Institute of Aeronautics and Astronautics.

Alan Milward, European History, comes from London School of Economics where he was chair of the Dept. of Economic History; held tenured appointments at Stanford and U. of Manchester; author of six books on economic and political integration of modern Europe.

James G. Quintere, Fire Protection Engineering, extensive research on fire modeling; received awards from former National Bureau of Standards (NBS) and from Science and Technology agency of Japan; recent chief of the Fire Science and Engineering Division, National Institute of Standards and Technology.

Alexander L. Roitburd, Materials Science and Engineering, one of the world's foremost theoretical materials scientists; Ph.D. Institute of Crystallography, Moscow, and Doctor of Physical and Mathematical Physics from the Academy of Sciences; for most of career, professor, Bardin Central Research Institute of Ferrous Metallurgy, Moscow; since 1988, with Institute of Materials Science and Engineering in NIST.

Sylvia Rosenfield, chair, Counseling and Personnel Services, former professor and senior research associate in Center for Research in Human Development and Education at Temple U.; well-known scholar on school psychology; book, *Instructional Consultations*, considered a classic in the field.

Roald Sagdeev, Distinguished professor of Physics and Astronomy and IPST, known for pioneering work on nonlinear plasma physics; from 1973 to 1988, director of the USSR Institute for Space Research; was science advisor to Soviet President Gorbachev; full member, USSR Academy of Sciences and foreign member, U.S. National Academy of Sciences, Royal Astronomical Society and Max Plank Society.

Lemma Senbet, William E. Mayer Professor of Finance;, top expert on international finance; held two distinguished named chairs at U. of Wisconsin; most recent research on mainstream finance; frequent contributor to Journals of Finance, Business and Financial and Quantitative Analysis.

Thomas Schelling, Distinguished Professor of Economics, School of Public Affairs, leading expert on economic and public policy; comes from Harvard U. where he held Lucius Littauer Professor of Political Economy; theorist of strategy in nuclear age; current president of the American Economic Assn. and member of the National Academy of Sciences and National Academy of Medicine.

Mary Helen Washington, English, leading scholar on Afro-American literature; Her book, *Invented Lives: Narratives of Black Women, 1860-1960* (1987) and many articles make her one of the best known interpreters of Black women's fiction.

John D. Weeks, Chemistry and professor, IPST, comes from AT&T Bell Labs; in April 1990, received the Joel Henry Hildebrand Award, one of the most distinguished awards of the American Chemical Society, for his work in the theoretical experimental chemistry of liquids.

Roz Hiebert

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is outlook@pres.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

Switch Flipped on New Telecommunications System

Jon Rood, Communication Services Director

August 31 marked the completion of a new telecommunications system for the university, the departure of an old friend—the 454 telephone prefix—and the beginning of what is expected to be a vastly superior way by which members of the campus community communicate.

This Thursday, September 6, the new system will be officially inaugurated with an 11 a.m. ribbon-cutting ceremony on the Lee Building lawn. Guests include AT&T chair and chief executive officer Robert E. Allen, who will tour the new telecommunications building with President William E. Kirwan and Vice President Charles Sturtz. Allen also will meet with engineering, business and computer science students.

Some 700 guests include more than 50 AT&T employees who worked full-time during the past year installing the new system and the some 200 departmental telecommunication representatives who served as the backbone network between the system's contractor, AT&T, and the campus users. Other guests include telecommunications coordinators, staff from engineering and architectural services, the computer science center and administrative computer center, the purchasing department and others who worked together on the $32.4 million project.

Jon Rood, director of communication services, notes that the department has now become the university's own telephone company. "Since we own the system, we will no longer have to call on C&P or AT&T," he says. "We've geared up the department to provide installation, construction, electrical engineering, order processing, staff for the help desk, repairs, all new functions that didn't exist a year ago. We are a totally self-contained system."

Considered by AT&T to be its showcase installation, the Maryland telecommunications system is comprehensive and includes more than 17,000 state-of-the-art telephones, numerous features and the replacement of all wiring infrastructure with extensive use of fiber optic cable for future high speed data communications, Rood says.

Visitors from around the country and from Norway, England, Australia, Japan and the Middle East already have toured the new facilities. In fact, Rood says, there is a waiting list of requests for tours of the system, mostly by representatives of government agencies and large businesses and institutions.

The year-long project remained totally on schedule from the start and totally on budget, Rood notes. The department of communication service staff was heavily involved in every detail.

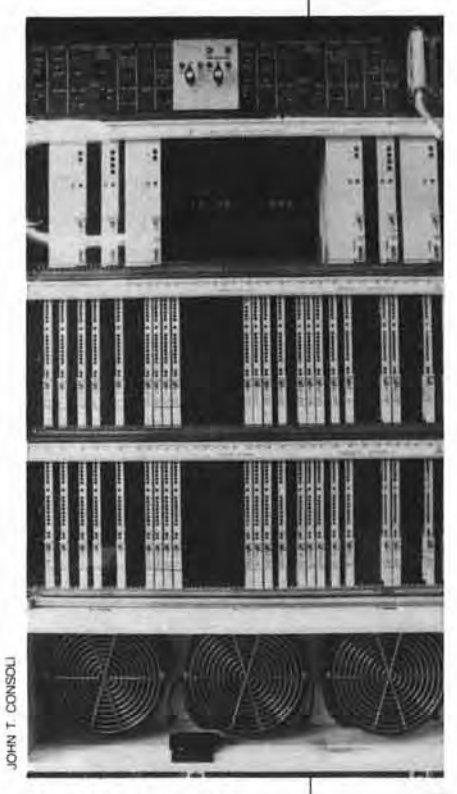
"People have really worked long days and most weekends to serve the project, to supervise and monitor each phase to catch things that went wrong early and get them fixed right away," he says. "Our theme was that this was a joint project. We were on the scene. The department telecommunications representatives (DTRs) completed the loop by working with AT&T to insure that departments and offices got what they needed. Each DTR spent scores of hours in special training sessions that we began calling 'Telecommunications 101.' They were really essential to project's success. They had to know the system and how it works to be able to match campus needs with the system's capabilities."

Rood says the new system has been designed to accommodate the university's future telecommunications needs for the next 10 to 15 years.

In January, he says, his department will open a new, full service center offering fax, telephone ordering, copy, telex and a variety of other communication services.

A limited number of interim campus directories that contain a partial list of new telephone numbers is available from the Office of Institutional Advancement, 405-4615. Users can also call 405-1000, the university's information number, to find a new number.

Tom Otwell



JOHN T. CONSOLI

New Telecommunications Center contains main distribution frame switch.

Summer Readership Survey Leads to Changes in *Outlook*

Early in the summer, approximately 9,000 questionnaires were sent to *Outlook* readers for an evaluation of readers' attitudes concerning the faculty/staff newspaper. We want to thank the over 1,000 loyal, opinionated and frank folks who responded to the survey and to let all of our readers know we've planned a new look for *Outlook* to respond to what we have learned about your reading habits and interests.

Right away, you'll notice *Outlook* has lost some weight in terms of the number of articles presented and amount of space for copy. Since more than half the survey respondents said they spent 5-15 minutes reading selected articles each week, we hope the new design will help you find the information you want quickly and easily. Also, there's more room for photos and artwork as part of our plan to try even harder to show you what's going on.

While the overall design creates more white space, we're actually increasing the number of news pages from two to three. We did this in response to most readers' reply that they enjoyed reading the news section, particularly stories about administrative actions. As a consequence, we'll try to publish more stories about such issues as parking fees, campus construction, implementation of the enhancement plan, the budget process, and actions of the Campus Senate. We hope you will continue to suggest issues of importance that you would like examined.

There still will be a weekly close up page about faculty or staff, a research page, an arts page and an F.Y.I. page for short news items, updates, opinions and letters to the editor, since many readers indicated they read these pages frequently or always. Keep on sending us your news. *Outlook* also will present a calendar, but it's been moved from page four to eight, which we hope will help make it more convenient to find out what's going on at the university.

Eighty-five percent of the respondents said *Outlook* was either a good or excellent publication. Some felt it could use some improvement in such areas as timeliness, copy editing, or subject matter—one reader told us *Outlook* is to the administration what *Pravda* is to the Kremlin. Ouch!

Overall, however, the comments were very positive and very helpful, and we especially appreciated all the good ideas for future stories. We want to thank all of you who took the time to fill out and return the surveys. We're trying to adopt as many of your suggestions as possible, and we hope you like what we've done as a result. If not, please let us know.

Finally, keep the comments, suggestions—and helpful criticism—coming!

Roz Hiebert, Editor

University of Maryland at College Park
OUTLOOK
1989-1990 Readership Survey
Office of Public Information

CLOSE UP

New Public Affairs Program at EPA

This fall some 25 Environmental Protection Agency professionals will be enrolled in courses leading to a Master in Public Policy degree at the agency's Washington, D.C. headquarters. The new program at EPA was set up by Peter G. Brown, head of the School of Public Affairs' emphasis in Environmental Policy which was launched last fall at College Park. In addition to Brown, faculty members Susan Hedman, Frank Levy and Peyton Young are scheduled to teach courses at EPA headquarters during the first year of the program. Brown says the Maryland Environmental Policy program is unique because of its blend of science and public policy and its close connection with the federal government.

McKeldin and Hornbake Mall Projects Nearing Completion

Animal Sciences and Agricultural Engineering Building

Archive II Construction

McKeldin Mall Renovation

Administrative Services Building

Despite the mud and dirt, the uprooted grass and dismantled sidewalks on the McKeldin and Hornbake malls both spaces should look better than ever by Thanksgiving, says Dennis Nola, assistant physical plant director.

Nearly $1.9 million in renovation began on the two spaces shortly after commencement last spring and has continued throughout the summer. Renovations of the nine-acre McKeldin Mall renovations are furtherest along with all heavy construction finished and the entire project scheduled for completion by late October, Nola says.

When the project is completed, the mall will feature new sod, a new lighting system, rerouted sidewalks, new plantings of trees along its upper half, a fountain of cascading water along its lower half and an enlarged seating area around the sun dial at its center. The work is funded with $595,000 in university funds and about $60,000 in student contributions.

Omicron Delta Kappa, an honor society, has donated $50,000 to cover part of the cost of the $175,000 fountain. The senior class of 1990 is donating $10,000-$15,000 for work on the sundial area which will be renamed the "Senior Forum."

The current work, along with less extensive improvements in three previous summers, was designed to correct problems and enhance the space aesethically. Inadequate lighting, poor drainage, poorly routed sidewalks and a lack of gathering spaces detracted from the space, Nola says.

The lower half of the mall has been reconstructed to accommodate large campus gatherings. Previously, a new drainage system was installed to prevent waterlogging and

Hornbake Mall will have new seating and greenery to make it more welcoming to students and faculty.

a staging area was installed near the Main Administration Building. With its new decorative features—the 16-foot-by-250-foot water fountain and the expanded sundial area—the space will be ready for large campus events.

Commencement planners hope to use the area for the Spring 1991 graduation exercises, Nola says.

On the upper end of the mall, crab apple and oak trees were removed and will be replaced. The area will be replanted primarily with willow oaks to create an alley of tall trees similar to that on the lower end of the mall. New flowering trees—a combination of cherry trees, non-fruiting crab apples and dogwoods—also will be included in the arrangement.

The upper part of the mall will remain an essentially open area, available for all kinds of activity from studying to Frisbee games.

On both ends of the mall, sidewalks have been rerouted to create a better flow of traffic. Lightposts will be removed from the mall's open areas with new lights set among the trees and shined onto it.

Between the start of classes and the end of October, workers will complete the last parts of the project—sodding the mall, planting trees and installing lighting, Nola says. Sodding and planting must wait until at least mid-September when the weather should be cool enough to ensure proper growth.

On Hornbake Mall, a complete resurfacing of the space is in progress.

The previous pavement was breaking up, creating maintenance and safety problems in the area. A new, sturdier covering is being set in its place, Nola says.

Hornbake Mall previously offered virtually no seating. In an effort to make Hornbake Mall a place that people use as well as walk through, some 30 wooden tables and more than two dozen benches will be added.

Also, the amount of greenry there will be more than doubled, creating a more pleasant ambience, Nola says.

The project will not be completed until mid-November. One of the major stumbling blocks early in the project was the need to replace the roof of Hornbake Library's 24-hour Study Room, located beneath the mall.

By the beginning of classes, however, work adjacent to Campus Drive should be completed, reopening the sidewalk there. For both projects, the design work was performed by members of Nola's staff.

"I'm extremely proud of my staff. This is definitely the most work we've had going at one time," Nola says.

Brian Busek

Photographs by Al Danegger

Construction Season Continues at College Park

Every season has been construction season in recent years at College Park. This fall more than $70 million in continuing or new construction projects will be in progress.

Here is a rundown of this fall's construction projects:

• Construction continues on the $18 million College of Business and Management and School of Public Affairs Building in what was formerly part of Lot 1 near the Architecture Building. The 130,000 square-foot building will house the College of Business and Management and the School of Public Affairs.

• Three buildings—two "surge" buildings and an administrative support building—are being constructed as part of a single $13.5 million contract. The surge buildings—one located near the South Campus Dining Center and the other in Lot 11—will provide temporary homes for departments displaced by building renovations. The administrative support building, located on Paint Branch Drive beyond the North Intramural Fields, will house personnel, architectural and engineering services and procurement. The three buildings are scheduled for completion in March 1991.

• The $13.6 million first phase of major additions to the Animal Sciences Building, located on Farm Drive near the campus barns, should be completed early next year. A second phase of the project will begin after the first phase is completed.

• Construction on the $10 million second phase of the A.V. Williams Building will start early this fall. The addition will virtually double the size of the building and house electrical engineering, astronomy and automation research.

• Planned renovations of Byrd Stadium and construction of a football team building are scheduled to start after the football season. The work will done with a combination of state and athletic department-raised funds.

• Other major building projects either underway or scheduled to go under construction later this fall include a $9.7 million Physical Sciences Lab located on Metzerott Road near the Elkins Building; a $2.6 million addition to the Maryland Fire and Rescue Institute vehicle building; and a $6 million satellite control utilities building near South Campus Dining Hall.

Brian Busek

Young American Wins International Piano Competition

On July 21, a standing-room-only audience at the Kennedy Center was treated to the prize-winning performance of Rachmaninov's second piano concerto by this year's University of Maryland International Piano Competition winner, Christopher Taylor, 20, of Boulder, Colorado. An undergraduate math major at Harvard University, Taylor will play a recital on Nov. 17 in Alice Tully Hall, Lincoln Center as part of the prestigious music award. Two young Soviet artists were runners up in the rigorous competition: Ilia Iten, 23, of Moscow came in second; Oleg Valkov, 32, also of Moscow was third.

ARTS

Gallery Exhibit Features Contemporary Political Art

In a region that is the home of American politics, art gallery walls are almost bare of contemporary political art, says Wendy Owens, director of the university Art Gallery.

Whether a product of artistic preference, the nature of local exhibition space, a chilling effect from the National Endowment for the Arts controversy, or a combination of all of the above, there has been a decidedly apolitical quality to much of the work on display in area galleries in recent years, she says.

The Art Gallery will buck that trend with "Trouble in Paradise," an exhibition of thoroughly political new art Sept. 12-Oct. 26, the inaugural show of 1990-91 season.

"Trouble in Paradise" features the work of 14 New England artists or art teams who address topical political and social issues such as censorship, reproductive rights, AIDS, racism, sexism, substance abuse, domestic violence, homelessness, hazardous waste and the American flag.

The artists use both satirical and emotionally gripping techniques to present their messages.

On the light side, Jay Critchley confronts AIDS by associating safe sex and patriotism in his multimedia mock advertising campaign for Old Glory Condoms. In a darker vein, Nancy Jenner refashions the images of women in Renaissance paintings into victims of sexual violence.

"Being a university gallery, we're in a better position to present this kind of show than other galleries are," says Owens. "In this show the artists present what may be unpopular ideas—people looking for pretty art probably won't be satisfied. But a show like this, that features emerging artists, gives the artists on this campus an opportunity to see what people are doing elsewhere."

The exhibition was originally shown at the List Visual Art Center at MIT in the fall of 1989. Impressed by the works, Owens reconstructed the show for the Art Gallery with the help of a grant from The Andy Warhol Foundation for the Visual Arts.

The exhibit's opening will feature a lecture by its original curator, Dana Friis-Hansen of MIT, at 4:30 p.m. Sept. 12 in the gallery. A reception, where many of the exhibiting artists will be present, will follow. Both the lecture and reception are free and open to the public.

The Art Gallery is located in the Art/Sociology building. Hours are Monday-Friday, 10 a.m. to 4 p.m; Wednesday evenings until 9 p.m.; and Saturday and Sunday, 1 p.m. to 5 p.m. For more information call 405-2763.

Brian Busek

"Anonymous" is an example of Nancy Jenner oil paintings which show portraits of abused women in traditional artistic poses.

Frederiksen Uncovers Unknown Heine Manuscript

Despite learned assurances that Rahel Varnhagen's papers contained nothing of interest and that any worthwhile documents would be in her husband's material, Elke Frederiksen looked anyway.

And in examining these overlooked documents, Fredericksen found something much better than anything in Herr Varnhagen's papers. The associate professor of German found something so good it serves as the primary source for her forthcoming cover article in a major German academic journal. In her search through Varnhagen's papers, Frederiksen unearthed the manuscript of a previously unknown poem by 19th century German writer Heinrich Heine. The poem had been written at Varnhagen's request for use as a discussion piece in the famous salon she hosted in Berlin in the 1820s.

Frederiksen's 60-page article on the discovery will be featured this fall in the 1990 Heine Yearbook.

Frederiksen made the discovery at the Jagellionian Library in Cracow, Poland, where she was researching Heine's role in Varnhagen's salon. There was reason to believe that Heine had actively participated during his student years, and Frederiksen hoped to document this connection.

Frederiksen did not expect to make a finding as important as the manuscript.

"Most of the documents in Varnhagen's collection are written in her hand," Frederiksen says.

"When I came across the manuscript, I realized immediately that it had been written by someone else. Yet the handwriting still seemed familiar. In my work on Heine I had seen many of his manuscripts and it soon dawned that it was his writing. I almost could not believe it."

The poem was written in 1823 and concerns the plight of a famous Berlin actress, Madame Stich, who had fallen from public favor after a martial scandal. Vernhagen asked Heine and her brother, Wolfgang Robert, to write poems defending Stich for discussion in the salon.

The work was written during a time when Heine was experimenting with several different literary forms, including the dramatic verse in which the poem is written.

"This discovery is one example of why the study of past women writers is important. I am sure there are more treasures hidden away in the papers of overlooked figures," Frederiksen says.

Brian Busek

Kirwan to Tell the Tale of *Peter and the Wolf*

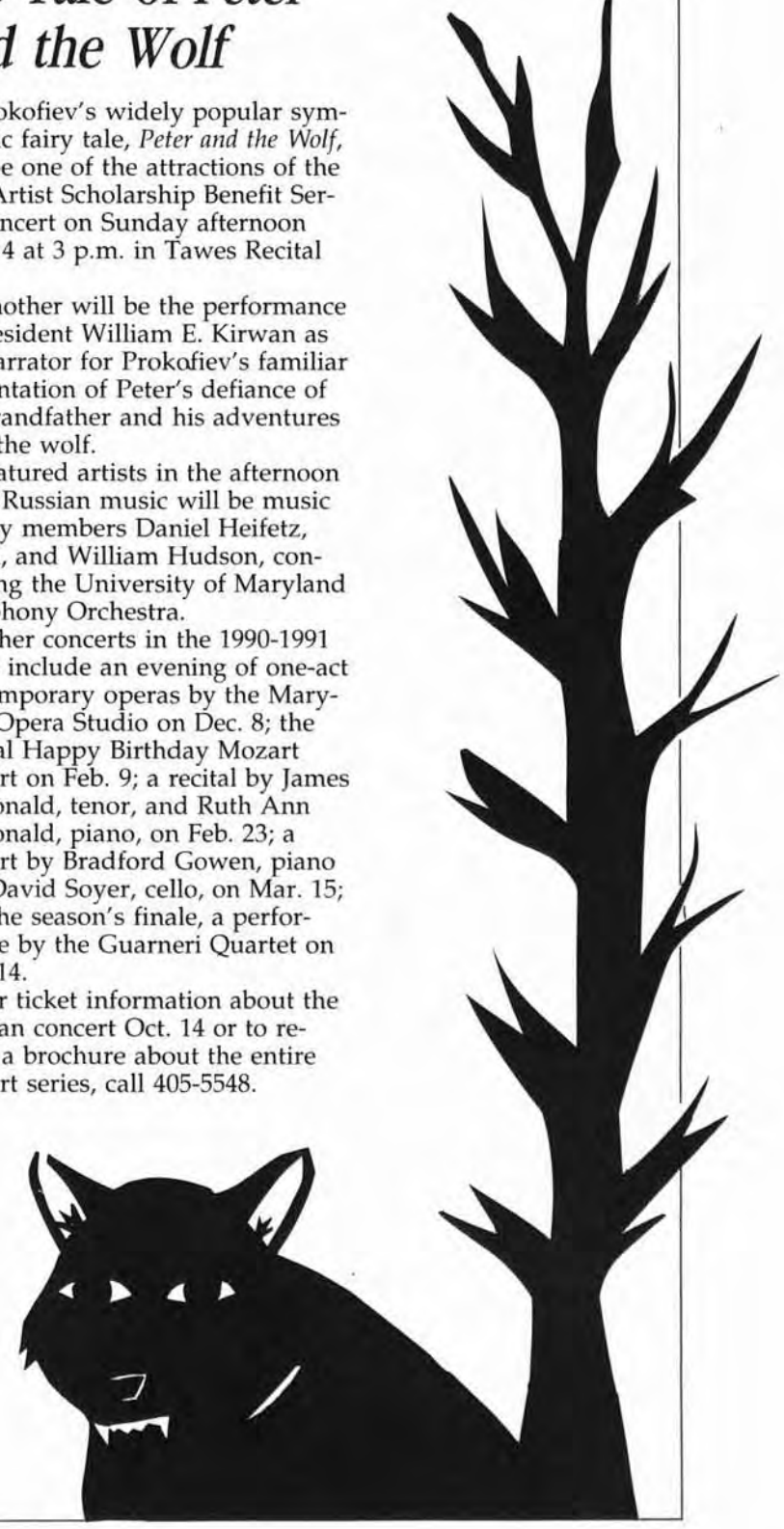
Prokofiev's widely popular symphonic fairy tale, *Peter and the Wolf*, will be one of the attractions of the first Artist Scholarship Benefit Series concert on Sunday afternoon Oct. 14 at 3 p.m. in Tawes Recital Hall.

Another will be the performance of President William E. Kirwan as the narrator for Prokofiev's familiar presentation of Peter's defiance of his grandfather and his adventures with the wolf.

Featured artists in the afternoon of all Russian music will be music faculty members Daniel Heifetz, violin, and William Hudson, conducting the University of Maryland Symphony Orchestra.

Other concerts in the 1990-1991 series include an evening of one-act contemporary operas by the Maryland Opera Studio on Dec. 8; the annual Happy Birthday Mozart concert on Feb. 9; a recital by James McDonald, tenor, and Ruth Ann McDonald, piano, on Feb. 23; a concert by Bradford Gowen, piano and David Soyer, cello, on Mar. 15; and the season's finale, a performance by the Guarneri Quartet on Apr. 14.

For ticket information about the Russian concert Oct. 14 or to receive a brochure about the entire concert series, call 405-5548.

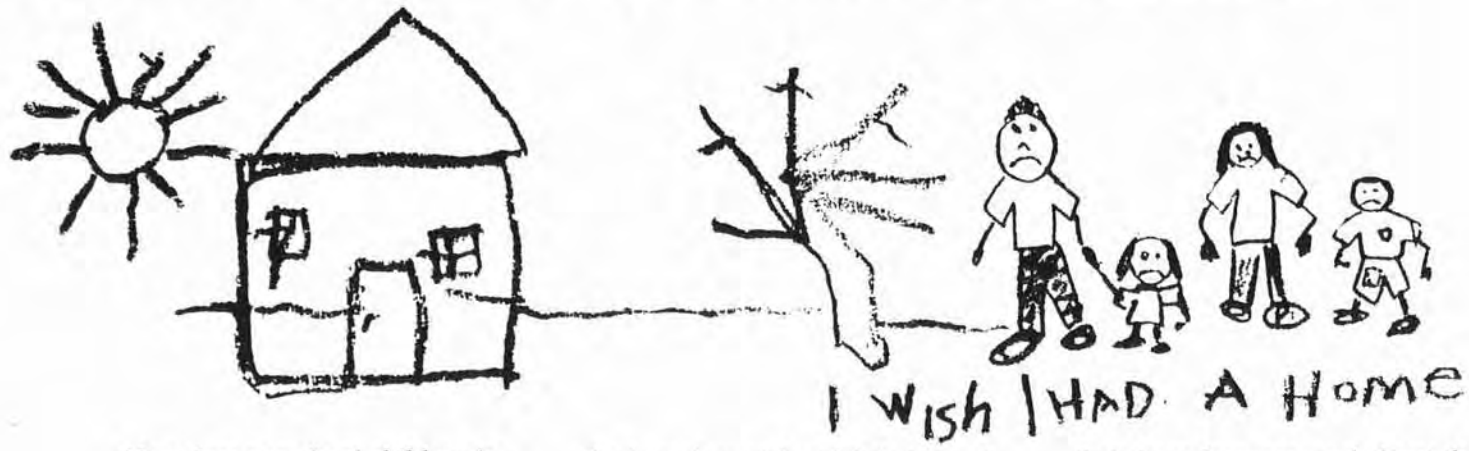


RESEARCH

Promote your Organization in the 1990 First Look Fair

Each year campus academic, service and student organizations have the opportunity to promote their special activities at the First Look Fair. If your group wants to participate in this year's event on Sept. 26 and 27, call Brandon Dula in the Campus Activities office at 314-7174 for information and forms by Sept. 12. Because of the McKeldin Mall renovation, this year's fair will be held on the Engineering Field/Mitchell Lawn.

HOMELESS CHILDREN:
Study Examines Problems of Baltimore Preschoolers



Martha Taylor (on couch) and Sally Koblinsky talk with preschooler.

Homeless preschool children in Baltimore exhibit significantly more behavioral problems than populations of "normal" and "emotionally disturbed" children, according to a recently completed study by College Park faculty members in the College of Human Ecology. The children in this study also consumed diets that were less healthy than those of children in normal home situations.

The year-long study, designed to examine the physical health, nutritional status, developmental skills, and social-emotional behaviors of homeless preschool children, was conducted by Sally A. Koblinsky, professor of family development, and Martha L. Taylor, assistant professor of human nutrition. The research was funded by a College of Human Ecology Dean's Research Award and a Bio-Medical Research Support Grant.

The study involved 73 single-parent homeless families in Baltimore, each with a child between the ages of three and five. About 90 percent of the families were black and 10 percent were white. At the time of the study, 35 families were residing in emergency shelters (facilities providing shelter for one night to one month) and 38 families were living in transitional housing (shelter for up to one year). The children and their mothers had been homeless for an average of 9.5 months, with a range of from one to 52 months.

According to Koblinsky and Taylor, only 29 percent of the homeless boys and 41 percent of the homeless girls exhibited developmental skills characteristic of their age group. The researchers used an inventory to evaluate the childrens' language and cognition, gross motor/body awareness, and visual-motor adaptive skills.

Overall, 35 percent of the children passed the inventory, 47 percent failed, and 17 percent earned scores indicating a need for re-screening. Only one child was screened in each family—usually the oldest child under six.

"Homeless children were especially likely to exhibit problems in the areas of sleep, shyness, attention span, withdrawal, demanding behavior, coordination, and aggression," Koblinsky says. The findings also showed that preschoolers in emergency shelters had significantly more toilet training and sleep problems than children in transitional housing.

According to Taylor, about ten percent of the children were underweight for their age and 11 percent exceeded the 90th percentile for weight-for-height.

"At the emergency shelters, dairy products and fresh fruits and vegetables were consumed less frequently than at transitional shelters where mothers were responsible for meal preparation," Taylor says. "There was no blatant malnutrition, however."

Taylor and Koblinsky conducted their study through two-hour interviews with the childrens' parents. "We asked about the parents' background and child-rearing behavior, the reasons for their homelessness, and about the child's health history and behavior," Koblinsky says.

The children were also given developmental skills tests, and their height, weight and fat-fold were recorded. Koblinsky and Taylor then compared their data with that of preschool children not living in shelters.

"Results indicate that the physical and psychological conditions under which homeless children live, place them at increased risk for developmental delays and behavioral disturbances," Koblinsky and Taylor write. The researchers say that without immediate educational and parenting interventions, a significant proportion of young homeless children will experience difficulties upon entering school and may begin a cycle of life-long learning problems.

"Our results suggest that homeless preschool children need more than permanent housing—they need comprehensive educational and social services to improve their chances for optimal physical, cognitive, and social-emotional development," the researchers say.

Koblinsky and Taylor are presenting their results at the annual meetings of the Federation of American Societies for Experimental Biology, the National Council on Family Relations, and the National Association for the Education of Young Children.

Fariss Samarrai

University Hosts International Science Congress

The Fourth International Congress of Systematic and Evolutionary Biology, "The Unity of Evolutionary Biology," was held June 30 to July 7 at the university.

The congress, which was co-hosted by the Smithsonian Institution, featured a number of major symposia aimed at illuminating some of the newest areas of evolutionary biology, as well as providing a synthesis of historical and mechanistic approaches to evolution in animals, plants and microorganisms.

The symposia focused on three major areas, evolution in perspective, which included such topics as biodiversity, conservation, biotechnology and global change; tempo and pattern evolution; and systematics and phylogenetic reconstruction.

"The goal of the congress was to foster a resynthesis of the theory of evolution, incorporating new and traditional approaches," says Marjorie L. Reaka-Kudla, program chair and associate professor in the Department of Zoology.

A number of university researchers presented talks at the conference, including Eugenie Clark, professor of zoology; Rita R. Colwell, director of the Maryland Biotechnology Institute, professor of microbiology and a council member of the International Congress; James L. Reveal, a professor of botany and co-president of the international congress; Gerald Borgia, associate professor of zoology; Charles B. Fenster, assistant professor of botany; Lin Chao, assistant professor of zoology; and Charles Mitter, associate professor of entomology.

Booklet Helps Students Assess Group Participation

The Office of the Vice President for Student Affairs has produced and distributed *"Friends" are everywhere*, a guide to making judgments about groups. The brochure is designed to help students make reasoned judgments about their own involvement in certain kinds of group activities they might encounter at College Park. Denny Gulick, professor of mathematics and an informed and active observer of destructive cult activity on college and high school campuses, drafted the booklet. Roberta Coates, Hoyt Brown, Rabbi Robert Saks, Ralph Bennett, Rev. Peter Peters, Susan L. Bayly and William L. Thomas, Jr. served on the committee that developed the publication.

F.Y.I.

Kudos To...

Hans Griem, Physics, for being awarded an honorary doctorate by Ruhr-Universitat, Bochum.

Ibrahim Ades, Zoology; **Robert Denno**, Entomology; **Richard Weismiller**, Agronomy; **James Herndon**, Chemistry; and **Sandra Greer**, Chemistry for earning the Colleges of Agriculture and Life Sciences 1990 Faculty Excellence Awards.

Jack Minker, UMIACS, for being elected a Fellow and Founding Member of the American Association for Artificial Intelligence Fellows Program.

Henry Mityga, Horticulture, for winning the L. C. Chadwick Award from the American Association of Nurserymen for outstanding teaching.

Henry P. Sims Jr., Business and Management, for receiving the Stybel Peabody Prize for his book, (co-authored with Charles Manz), *Superleadership: Leading Others to Lead Themselves*.

Lindley Darden, History and CHPS, for being awarded an NSF Visiting Professorhip to the Laboratory of Artificial Intelligence Research at Ohio State.

Elisabeth Gantt, Botany, for earning an NSF Research Opportunities for Women Career Advancement Award to do work on the genetic structure of thylakoid-phycobilisome core proteins.

Patricia Mielke, Resident Life director, for being named eastern district representative of the Association of College and University Housing Officers-International.

Richard Harwood, *Washington Post* Ombudsman, who has been named to a second term as *Baltimore Sun* Distinguished Lecturer in the College of Journalism.

Herbert Foerstel, Libraries, for being named a judge in the Hugh M. Hefner First Amendment Awards. Foerstel received such an award himself in 1988.

Robert Carbone, Education Policy and Administration, for being appointed to a three-year term as the Public Member on the Educational Standards Board of the American Speech-Language-Hearing Association. Carbone replaces UM Vice Chancellor **David Sparks** on the board. Another former Public Member on the board is former UM Vice President **R. Lee Hornbake**.

John Consoli, Creative Services, for winning an award of excellence for promotional material from the Professional Photographers of America, Inc.

Mark Levy, Journalism, for being selected to participate in the 1990 Leadership Institute for Journalism and Mass Communication Education sponsored by the Gannett Center for Media Studies at Columbia University.

Gladys Brown, Office of Human Relations director, for having been chosen to attend Harvard University's summer 1990 Management Development Program, designed for higher education administrators in mid-level positions.

Cyril Ponnamperuma, Chemistry, for being awarded the "Vidya Jothi" medal, the highest honor bestowed by the head of state of Sri Lanka on an individual. The award is comparable to the Presidential Medal for Science in the U.S.

Pat Perfetto, Campus Guest Services director, for being recognized by the Convention Liaison Council as a Certified Meeting Professional, the highest honor of professional achievement in the meetings industry.

Daniel Leviton, Health Education, for receiving a three-year grant of $83,000 from the U.S. Department of Education to expand his Adult Health and Development program.

Parris Glendening, Government and Politics, Prince George's County Executive, for being chosen the Most Valuable County Public Office 1990 in the nation by *City and State Magazine*, a bi-monthly business and government national publication.

Denise Hayman, Education Careers program director, for receiving a research award from the Mid-Atlantic Association for Schools, Colleges and University Staffing. Her project is designed to encourage and assist minority students to pursue careers in the teaching profession. For information about participating in the program, call X47225.

Leon Major, Music, and the University of Maryland Opera Studio for being the subjects of a complementary article featuring "New Talent on Diverse Stages" in the September 1990 issue of *Musical America*, the journal of Classical Music.

◄ Sandra Greer

Hans Griem ▼

Gladys Brown ▲

Jack Minker ▲

Physics graduate students **David Griegel** and **Donna Naples** for being named receipents of Southeastern Universities Research Association/Continuous Electron Beam Accelerator Facility 1990-91 graduate fellowships.

Camp Tortuga Had Happy Campers

Robert Freeman, Counseling, ran Camp Tortuga for the 18th year during the last two weeks of June. The camp is designed to provide a positive experience and an intensive helping period for children ages 5-12 who are having adjustment problems. This year 30 campers attended, the largest group since the camp began in 1973.

Memorial Service Planned for Wofford Smith

A memorial service for the Reverend Canon Wofford K. Smith, retired Episcopal priest and chaplain emeritus of the University of Maryland, will be held on Sept. 26 at 4 p.m. in Memorial Chapel.

Kirwan to Present "State of the University" Address to Campus Senate

President William E. Kirwan will address the first meeting of the Campus Senate for the 1990-91 academic year on Thursday, Sept. 13. His annual "State of the University" presentation will be the highlight of the meeting, which will take place between 3:30 and 6:30 p.m. in Room 0126, Reckord Armory.

Also on the agenda are the elections of the Chair-Elect and Executive Committee members, along with the annual reports of the 1990-91 Chair and Executive Committee.

Nominees for Chair-Elect are Gerald Miller (Biochem. and Chem.) and Paul Smith (Math.).

Executive Committee faculty nominees include: Ashok Agrawala (Comp. Sci.), Frank Alt (Bus. and Mgmt.), Marvin Breslow (Hist.), Joel Cohen (Math.), James Grunig (Journ.), David Matthews (Inst. Phy. Sci.), Earlean McCarrick (Govt. and Pol.), Gerald Miller (Chem. and Biochem.), Judd Nelson (Entom.), Mary Ottinger (Poult. Sci.), Behnam Pourdeyhimi (Text. Cons. Econ.), Suzanne Randolph (Text. Cons. Econ.), Paul Smith (Math.), Winthrop Wright (Hist.), and Grace Yeni-Komshian (Hear. and Speech Sci.).

Associate Staff nominees are Barbara Aycock (Elec. Eng.) and Cynthia Hale (Comp. Sci.).

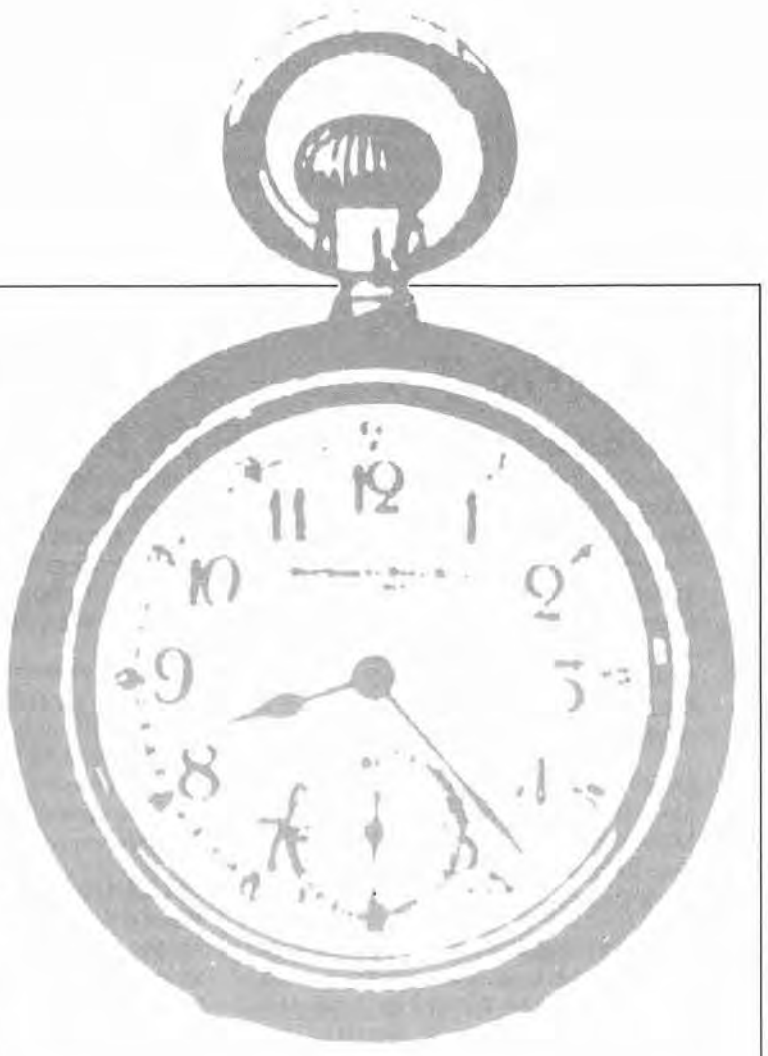
Classified Staff nominees are Barbara Cronin (Pub. Affairs) and Helen O'Ferrell (Ag. Exp. Sta.).

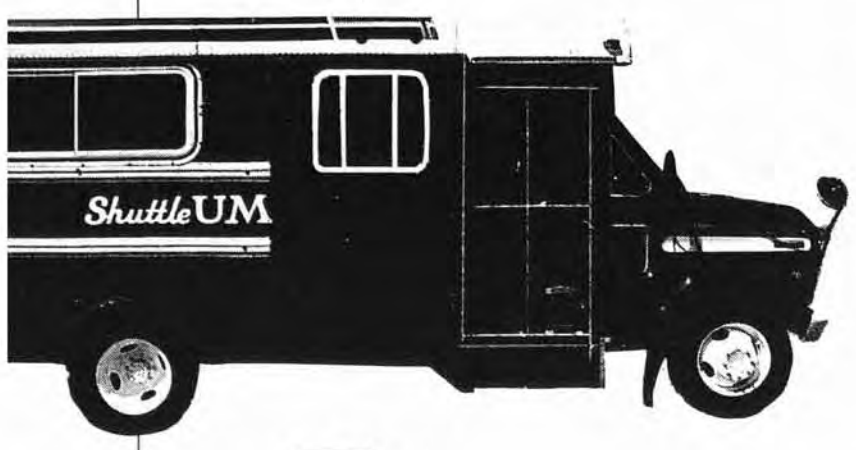
Undergraduate student nominees are Jeff Trudell, Denise Cheung and Montressa Washington.

Graduate nominees are Wendy Ford and Jay Thomas.

CALENDAR

September 4-12





4

First day of fall classes.

Shuttle-UM Commuter Service Begins, call 4-5274 for info.

Student Locator Service, today and tomorrow, 7:30 a.m.-2 p.m. Orientation staff will be in special booths on campus to provide directions, maps, and information to students. Call 4-5274 for info.

Priority Parking Sign-ups, 8:30 a.m., Hoff Theatre, Stamp Student Union. Call 4-5274 for info.

Student Legal Aid Orientation, 11 a.m.-1 p.m., 2146 Stamp Student Union. Call 4-7756 for info.

S.H.O.W. Check-in, today-Sept. 6, 11 a.m.-2 p.m., 1104 Stamp Student Union. Call 4-5274 for info.

Parent's Association Art Gallery Exhibit: "Schooling in America" and "Mothers & Daughters," today-Sept. 28, Parents' Association Art Gallery, Stamp Student Union. Call 4-ARTS for info.

Wesley Foundation Organizational Meeting, 4 p.m., Memorial Chapel Lounge. Call 422-1400 for info.

Interdenominational Worship Service & Reception: "Celebrate! Many Gifts, One Spirit," 5:15 p.m., West Chapel, Memorial Chapel. Call 5-8442 for info.

Canterbury Club Welcome Dinner, 5:30 p.m., St. Andrew's Parish Hall, College Park. Call 5-8454 for info.

University Theatre Auditions, today-Sept. 7, late afternoon and early evening, Tawes Fine Arts Bldg. Call 5-2201 for info.

Hoff Theatre Welcome Back Special, "Teenage Mutant Ninja Turtles" and "Back to the Future III," today-Sept. 9, Hoff Theatre, Stamp Student Union. Call 4-HOFF for info.*

5

Astronomy Observatory Talk/Slide Show: "Solar Oscillations," David S. Zipoy, 9 p.m., Astronomy Observatory, Metzerott Rd. Call 5-3001 for info.

6

Stamp Union Tour, 10 a.m., meet at the Information Desk.

Women's Soccer vs. Villa Nova, 3 p.m., Soccer Field. Call 4-7064 for info.

Publication Celebration, to honor publication by UMCP Libraries and Yellow Barn Press of *The Kelmscott Press Golden Legend*, essay by William S. Peterson, 4 p.m., 3101 McKeldin Library (Katherine Anne Porter Room). Call 80-4154 for info.

Baptist Student Fellowship Cookout, 6 p.m., South Lawn, Memorial Chapel. Call 5-8442 for info.

Women's Field Hockey vs. Washington Club, 7 p.m., Astroturf Field. Call 4-7064 for info.*

7

Retention, Orientation, Positive Enrichment Seminar, today-Sept. 10. Designed to welcome and acquaint new Afro-American first-year students to the university. Call 5-5616 for info.

Unity Picnic, 4-8 p.m, Denton Beach. Call 5-5616 for info.

8

Men's Soccer vs. Coastal Carolina, 2 p.m., Soccer Field. Call 4-7064 for info.

9

Welcome Back Picnic and Information Fair, noon-2 p.m., University United Methodist Church. Call 422-1400 for info.

Catholic Student Center Welcome Back Cookout, 3-6 p.m., Catholic Student Center. Call 864-6223 for info.
Wesley Foundation's First Sunday Supper, Introductory Program: "Oh God, I'm in College Park!," dinner at 6 p.m., meeting at 7 p.m., University United Methodist Church. Call 422-1400 for info.*

10

Commuter Affairs Expo, 10 a.m.-3 p.m., West Foyer, Stamp Student Union. Call 4-5275 for info.*

Agricultural Seminar: "Present Issues in Agricultural Extension and What Needs to be Done: A World Bank Perspective," featuring William Zijp, Agriculture Extention Specialist, noon (bring brown bag lunch), 0115 Symons Hall. Call 5-1253 for info.

OMSE's Annual Open House, 1-4:30 p.m., 1101 Hornbake Library. Call 5-5616 for info.

Time Management Workshop, 3-4:30 p.m., 2201 Shoemaker Bldg. Call 4-7693 for info.

Computer Science Colloquium: "A Status Report of Parallel Processing Research at Hebrew University," featuring Larry Rudolph, Hebrew U. & IBM T.J. Watson Research Center, reception, 3:30 p.m., 1152 A.V. Bldg., lecture, 4p.m., 0111 Classroom Bldg. Call 5-2661 for info.

11

Employee Development Seminar: "Planning Your Career and Your Future," 9 a.m.-4 p.m., 2146 Stamp Student Union. Call 5-5651 for info.

"Fun in the Union," noon-2 p.m., Stamp Student Union. Call 4-8495 for info.

College of Engineering First Look Picnic, 4 p.m., 1202 Engineering Bldg. Call 5-3855 for info.

Women's Soccer vs. Virginia, 4:30 p.m., Soccer Field. Call 4-7064 for info.

Department of Dance Open House/Reception, 5-6:30 p.m., 1115 Temporary Bldg EE. Call 5-3180 for info.

Maryland Sailing Association Informational Meeting, 6:30-7 p.m., Jimenez Hall. Call 589-5643 for info.

Hoff Theatre Movies: "Hairspray" & "House Party." Call 4-HOFF for info.

University Theatre Open House, 8 p.m., Tawes Fine Arts Bldg. Call 5-2201 for info.

12

Art Gallery Exhibition: "Trouble in Paradise," today-Oct. 26, Gallery Talk by Dana Friis-Hanson, exhibit curator, MIT, today, 4:30 p.m., Opening Reception, 5:30-7:30 p.m., The Art Gallery, Art/Soc Bldg. Call 5-2763 for info.

Center for Minorities in the Behavioral Sciences Open House, 11 a.m.-2 p.m., 2201 LeFrak. Call 5-1708 for info.

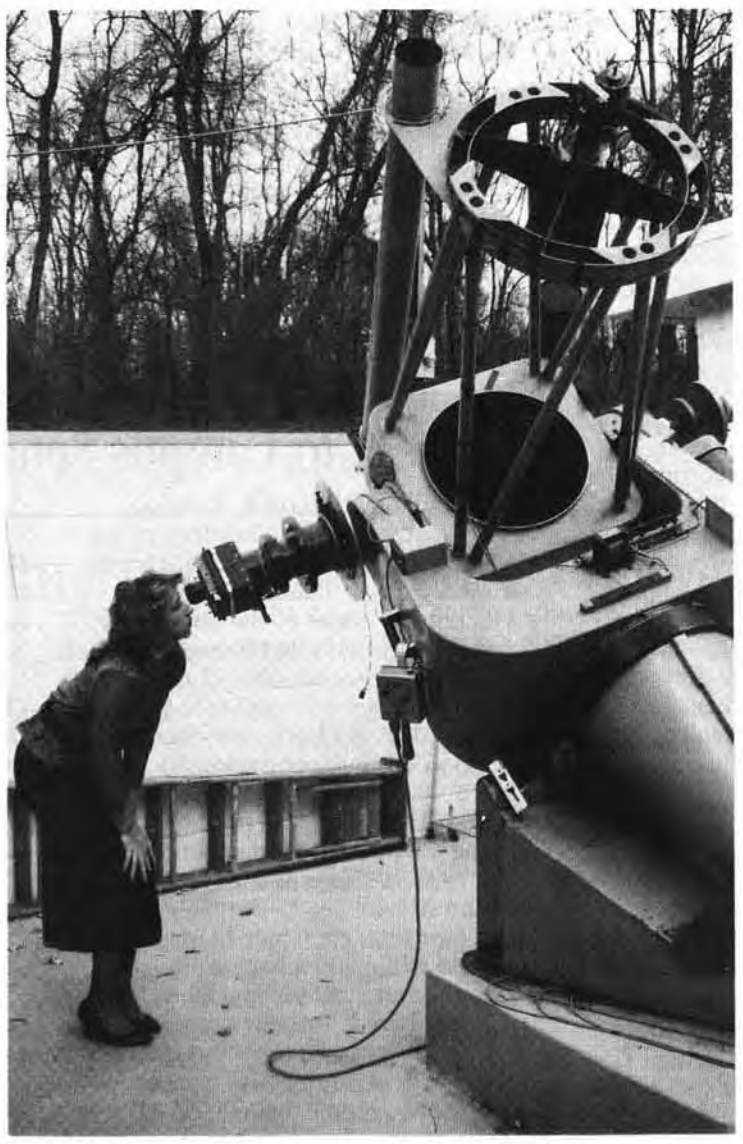
Meditation Center Open House, 11 a.m.-1 p.m., 2113 Mitchell Bldg. Call 4-8428 for info.

Police Department Open House, 11 a.m.-1 p.m., 1101 Police Station. Call 5-5731 for info.

New Student Celebration, a free picnic lunch for all new students, 11:30 a.m.-1:30 p.m., Engineering Field. Call 5-7484 for info.

Men's Soccer vs. Loyola, 3 p.m., Soccer Field. Call 4-7064 for info.

** Admission charge for this event. All others are free.*



The Astronomy Observatory begins its fall schedule on the 5th and 20th of every month. Call 5-3001 for information.